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PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032

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## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. FOIL4 Mitchell, Matthew P. First Inventor Improved Foil Structure for Regenerators

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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| E1 664320033 03  |   |             |   |  |             |          |                          |  |  |  |  |
|--|---|-------------|---|--|-------------|----------|--------------------------|--|--|--|--|
| APPLICATION ELEMENTS   |   |             |   | RESS TO: Box   | Patent Ap   | plicati  | on - —                   |  |  |  |  |
| See MPEP chapter 600 concerning utility patent application contents.       |   |             |   | Wa Wa  | shington, I | OC 202   | 231                      |  |  |  |  |
|  | orm (e.g., PTO/SB/17)  supported for fee processing)  mall entity status.       |             | 7   | CD-ROM or CD-R i<br>Computer Program<br>deotide and/or Amino A | (Appendix   | )        |                          |  |  |  |  |
| See 37 CFR 1.27. Specification   | [Total Pages 20]  |             | (if a   | applicable, all necessar<br>Computer Readat                    | y) .        |          | ubilitiosioni            |  |  |  |  |
| <ol> <li>i. (preferred arrangement - Descriptive title)</li> </ol>         |   |             | a. [  |  | •           | •        |                          |  |  |  |  |
| - Cross Reference<br>- Statement Rega                                      | e to Related Applications<br>arding Fed sponsored R & D                         |             | b. 3  | Specification Sequence<br>i.                                   | •           |          | s); or                   |  |  |  |  |
|  | quence listing, a table,  |             | ii. 🔲 paper   |  |             |          |                          |  |  |  |  |
| or a computer program listing appendix - Background of the Invention       |   |             |   | c. Statements verifying identity of above copies               |             |          |                          |  |  |  |  |
| - Brief Summary  | of the Invention  |             | ACCOMPANYING APPLICATION PARTS  |  |             |          |                          |  |  |  |  |
| - Brief Description<br>- Detailed Descrip                                  | n of the Drawings (if filed)  |             | 9.  | Assignment Paper   |             |          |                          |  |  |  |  |
| - Claim(s)   |   |             | ] , r   | 37 CFR 3.73(b) S   | •           |          | Power of                 |  |  |  |  |
| - Abstract of the  | Disclosure  |             | 10.   | (when there is an  |             |          | Attorney                 |  |  |  |  |
| 4. X Drawing(s) (35 U.   | S.C. 113) [Total Sheets 8   | ] ]         | 11.   | English Translatio   |             | nt (if a | pplicable) Copies of IDS |  |  |  |  |
| 5. Oath or Declaration   | [ Total Pages 2   | ]]          | 12.   | Information Disclo   | TO-1449     | L        | Citations                |  |  |  |  |
| a. Newly execu   | ited (original or copy)<br>prior application (37 CFR 1.63 (d))                  |             | 13.   | Preliminary Amen   |             | DED -    | .00                      |  |  |  |  |
| b. (for continual  | tion/divisional with Box 18 completed   | )           | 14.   | Return Receipt Po  | cally itemi | zed)     | ,                        |  |  |  |  |
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|  | he prior application, see 37 CFR and 1.33(b).                                   |             | 16.   | Nonpublication Re<br>(b)(2)(B)(i). Applic                      |             |          |                          |  |  |  |  |
| 6. Application Data Sheet. See 37 CFR 1.76 or its equivalent.  Other:      |   |             |   |  |             |          |                          |  |  |  |  |
| 18. If a CONTINUING APPLI  | CATION, check appropriate box, and  | supply i    | he requ   | isite information below  | and in a p  | relimii  | nary amendment,          |  |  |  |  |
| or in an Application Data She  | Divisional Continuation-in-part (   | C(D)        |   | of pnor application No   | ,           |          |                          |  |  |  |  |
| Prior application information.   | , ,   | OIF)        |   |  |             |          |                          |  |  |  |  |
| • • •  | Examiner ONAL APPS only: The entire disclosure                                  | of the n    | rior ann  | Group Art Unit:  | ath or decl | aration  | is supplied under        |  |  |  |  |
| Box 5b, is considered a part of  | the disclosure of the accompanying co<br>relied upon when a portion has been in | ontinuatio  | on or div   | risional application and i                                     | s hereby in | согрог   | rated by reference.      |  |  |  |  |
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| Name   | Matthew P. Mitchell   |             |   |  |             |          |                          |  |  |  |  |
|  | 151 Alvarado Road   |             |   |  |             |          |                          |  |  |  |  |
| Address  |   |             |   | r  |             |          |                          |  |  |  |  |
| City   | Berkeley  | S           | tate  | CA   | Zip C       |          | 94705                    |  |  |  |  |
| Country  | USA   | Teleph      | one   | 5108452528   | Fa          | ax 5     | 108452714                |  |  |  |  |
| Name (Print/Type)  | Matthew P. Mitchell   |             | Reg   | istration No. (Attorne   | y/Agent)    | P        | ro se                    |  |  |  |  |
| Signature  | Mystlin P. Wite   | tell        |   |  | Date        | 20       | 001 July 10              |  |  |  |  |

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|----------------------|----------------------|--|--|--|--|--|
| Application Number   |                      |  |  |  |  |  |
| Filing Date          |                      |  |  |  |  |  |
| First Named Inventor | Mitchell, Matthew P. |  |  |  |  |  |
| Examiner Name        |                      |  |  |  |  |  |
| Group Art Unit       |                      |  |  |  |  |  |
| Attorney Docket No.  | FOIL4                |  |  |  |  |  |

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| Name Charge Any Additional Fee Required   | 127                         | 50  | 227         | 25        | Surcharge - late provisional filing fee or cover sheet                     |          |
| Under 37 CFR 1 16 and 1.17 Applicant claims small entity status.                                  | 139                         | 130   | 139         | 130       | Non-English specification  |          |
| See 37 CFR 1.27   | 147 2,                      | ,520  | 147         | 2,520     | For filing a request for ex parte reexamination                            |          |
| 2. Payment Enclosed: Check Credit card Money Other  | 112                         | 920*  | 112         | 920*      | Requesting publication of SIR prior to Examiner action                     |          |
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|   | 115                         | 110   | 215         | 55        | Extension for reply within first month                                     |          |
| 1. BASIC FILING FEE Large Entity Small Entity   | 116                         | 390   | 216         | 195       | Extension for reply within second month                                    |          |
| Fee Fee Fee Fee Description   | 117                         | 890   | 217         | 445       | Extension for reply within third month                                     |          |
| Code (\$) Code (\$) Fee Paid 101 710 201 355 Utility filling fee 355                              | 118 1                       | ,390  | 218         | 695       | Extension for reply within fourth month                                    |          |
| 106 320 206 160 Design filing fee   | 128 1                       | ,890  | 228         | 945       | Extension for reply within fifth month                                     |          |
| 107 490 207 245 Plant filing fee  | 119                         | 310   | 219         | 155       | Notice of Appeal   |          |
| 108 710 208 355 Reissue filing fee  | 120                         | 310   | 220         | 155       | Filing a brief in support of an appeal                                     |          |
| 114 150 214 75 Provisional filing fee   | 121                         | 270   | 221         | 135       | Request for oral hearing   |          |
| 755   | 138 1                       | ,510  | 138         | 1,510     | Petition to institute a public use proceeding                              |          |
| SUBTOTAL (1) (\$) 333   | 140                         | 110   | 240         | 55        | Petition to revive - unavoidable   |          |
| 2. EXTRA CLAIM FEES   | 141 1                       | ,240  | 241         | 620       | Petition to revive - unintentional   |          |
| Fee from <u>on</u> Ext <u>ra Chaims helow Fee Paid</u>  | 142 1                       | ,240  | 242         | 620       | Utility issue fee (or reissue)   |          |
| Total Claims 20 -20** = 0 X 0 =   | 143                         | 440   | 243         | 220       | Design issue fee   | <u> </u> |
| Independent - 3** = X = X   | 144                         | 600   | 244         | 300       | Plant issue fee  |          |
| Multiple Dependent =  | 122                         | 130   | 122         | 130       | Petitions to the Commissioner  |          |
|   | 123                         | 50  | 123         | 50        | Processing fee under 37 CFR 1.17(q)  |          |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description   | 126                         | 180   | 126         | 180       | Submission of Information Disclosure Stmt                                  |          |
| Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20  | 581                         | 40  | 581         | 40        | Recording each patent assignment per property (times number of properties) |          |
| 102 80 202 40 Independent claims in excess of 3   | 146                         | 710   | 246         | 355       | Filing a submission after final rejection                                  |          |
| 104 270 204 135 Multiple dependent claim, if not paid   | 149                         | 710   | 249         | 355       | (37 CFR § 1.129(a))  For each additional invention to be                   |          |
| 109 80 209 40 ** Reissue independent claıms<br>over original patent                               |                             |   |             |           | examined (37 CFR § 1.129(b))   |          |
| 110 18 210 9 ** Reissue claims in excess of 20  |                             | 710   | •           |           |  |          |
| and over original patent  | 169                         | 169 900 169 900 Request for expedited examination of a design application |             |           |  |          |
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| SUBMITTED BY      | Complete (f applicable) |                                   |        |           |                |
|-------------------|-------------------------|-----------------------------------|--------|-----------|----------------|
| Name (PrintlType) | Matthew P. Mitchell     | Registration No. (Attorney/Agent) | Pro se | Telephone | (510) 845-2528 |
| Signature         | Matthew of metallell    |                                   |        | Date      | 2001 July 10   |

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